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796-7, Yeoksam-Dong, Kangnam-Ku, Seoul, 135-080  
(KR).

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(74) Agent: **KIM, Sun-young**; Korea Coal Center, 10th Floor,  
80-6, Susong-Dong, Chongro-Ku, Seoul, 110-727 (KR).

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(71) Applicant (*for all designated States except US*): **Digital  
Bio Technology** [KR/KR]; Seoul National University In-  
stitute of Advanced Machinery 1304, San 56-1 Shinlim,  
Kwanak, Seoul, 151-742 (KR).

(72) Inventors; and

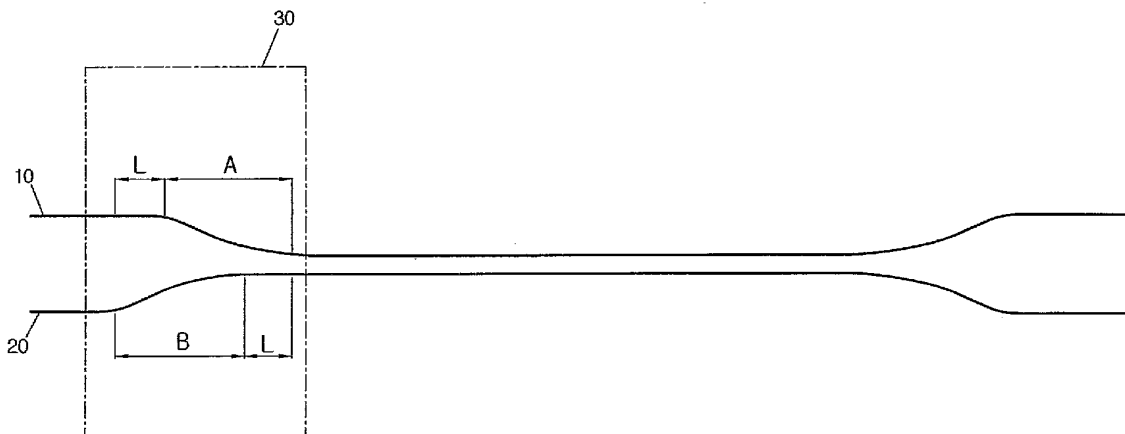
(75) Inventors/Applicants (*for US only*): **CHANG, Jun  
Keun** [KR/KR]; 501, Grandciel Villa, Bangbae 4-Dong,  
Seocho-Ku, Seoul, 137-064 (KR). **PARK, Jun Ha**  
[KR/KR]; 803-1504, Byukjukgol Doosan Apartment,  
Youngtong-Dong, Paldal-Ku, Suwon-Si, Kyunggi-Do,  
442-470 (KR). **CHUNG, Chanil** [KR/KR]; 106-2201,  
Samsung Raemian Apartment, Naeson-Dong, Uiwang-Si,  
Kyunggi-Do, 437-080 (KR). **KIM, Jung Kyung** [KR/KR];

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(54) Title: CHANNEL APPARATUS FOR FOCUSING A FLUID FLOW



(57) Abstract: Disclosed is a focusing channel device which focuses fluid containing micro particles so that the micro particles flow in a line. The channel device comprises a nozzle formed by left and right walls each of which comprises an inclination surface. The cross sectional area in vertical direction decreases from the entrance of the nozzle toward the exit of the nozzle. The shape of cross sectional view in horizontal direction is asymmetric for the central line in the length direction. Using the focus channel device of the invention, the micro particles in the fluid are not combined with each other and passed through the channel one by one. Thus, blockage of the channel or combination and movement of two particles together does not occur.

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